

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031067.D
 Acq On : 20 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTD00522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005422

Quant Time: Nov 21 03:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2024
 Supervised By :Semsettin Yesilyurt 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	409924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	374791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	24090	4.821	ug/L	0.00
7) Chloroethane-d5	2.893	69	18840	4.777	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10896	4.413	ug/L	0.00
21) 2-Butanone-d5	7.081	46	10278	8.933	ug/L	0.00
24) Chloroform-d	7.648	84	52211	4.689	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25531	4.693	ug/L	0.00
32) Benzene-d6	8.270	84	100448	4.733	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30947	4.945	ug/L	0.00
41) Toluene-d8	10.319	98	88019	4.552	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	11749	4.509	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7187	7.990	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23567	4.944	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	32098	4.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	9991	2.056	ug/L #	86
3) Chloromethane	2.228	50	14475	2.420	ug/L	94
5) Vinyl chloride	2.369	62	16732	2.716	ug/L	93
6) Bromomethane	2.783	94	12021	2.794	ug/L	99
8) Chloroethane	2.942	64	12777m	3.458	ug/L	
9) Trichlorofluoromethane	3.265	101	29139	3.420	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	23249m	4.029	ug/L	
12) 1,1-Dichloroethene	4.045	96	17785	3.171	ug/L	90
13) Acetone	4.131	43	11905	7.903	ug/L	100
14) Carbon disulfide	4.387	76	32664	1.794	ug/L	97
15) Methyl Acetate	4.673	43	9131	4.564	ug/L	96
16) Methylene chloride	4.917	84	23614	4.024	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	19829	3.254	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	36449	4.151	ug/L #	93
19) 1,1-Dichloroethane	6.222	63	45291	4.242	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	24798	3.857	ug/L	96
22) 2-Butanone	7.179	43	13568	7.345	ug/L	100
23) Bromochloromethane	7.514	128	12198	4.235	ug/L	81
25) Chloroform	7.679	83	49801	4.462	ug/L	94
27) 1,2-Dichloroethane	8.398	62	29935	4.500	ug/L	95
29) Cyclohexane	7.953	56	22851	2.607	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	38711	4.258	ug/L	100
31) Carbon tetrachloride	8.069	117	33598	4.064	ug/L	100
33) Benzene	8.325	78	93961	3.917	ug/L	100
34) Trichloroethene	9.093	95	26177	4.028	ug/L	96
35) Methylcyclohexane	9.331	83	30332	2.904	ug/L	98
37) 1,2-Dichloropropane	9.367	63	27626	4.619	ug/L	99
38) Bromodichloromethane	9.642	83	34382	4.567	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	36112	4.006	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	24956	8.867	ug/L	97
42) Toluene	10.386	91	100258	3.957	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	30683	4.215	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	21967	5.049	ug/L	97
46) Tetrachloroethene	10.861	164	21022	4.045	ug/L	92
48) 2-Hexanone	10.965	43	19834	8.913	ug/L	88
49) Dibromochloromethane	11.123	129	22400	4.630	ug/L	98
50) 1,2-Dibromoethane	11.233	107	18460	4.459	ug/L	75
51) Chlorobenzene	11.654	112	72278	4.362	ug/L	91
52) Ethylbenzene	11.727	91	115626	4.070	ug/L	96
53) m,p-Xylene	11.837	106	44749	4.127	ug/L	92
54) o-Xylene	12.160	106	40645	3.989	ug/L	98
55) Styrene	12.178	104	72318	4.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	25282	5.210	ug/L	92
59) Bromoform	12.343	173	12569	4.177	ug/L	89
60) Isopropylbenzene	12.458	105	116234	3.968	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	17337	4.710	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	87516	3.787	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	88095	3.865	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	62105	4.648	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	62759	4.514	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	53245	4.446	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	3783	4.702	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	41077	4.497	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	32066	4.390	ug/L	99
71) Naphthalene	15.360	128	48768	3.949	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	29134	4.481	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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